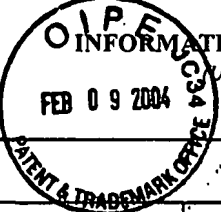
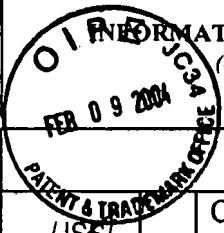


FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 100203850-1 (32939/US)		APPLICATION NO. 10/675,943	
 <p>INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)</p>				APPLICANT(S) Doron SHAKED; Renato KESHET			
				FILING DATE October 2, 2003		GROUP ART UNIT	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL	AA	DOCUMENT NUMBER 4,384,336	DATE 05/17/1983	NAME Frankle et al.	CLASS 382	SUBCLASS 49	FILING DATE IF APPROPRIATE
	AB						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	AC						
<b>OTHER PRIOR ART</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
<del>/JSS/</del>	AD	A. Blake, "Boundary Conditions of Lightness Computation in Mondrian World," <i>Computer Vision Graphics and Image Processing</i> , Vol. 32, pp. 314-327, 1985					
<del>/JSS/</del>	AE	D. Barash, "A Fundamental Relationship Between Bilateral Filtering, Adaptive Smoothing, and the Nonlinear Diffusion Equation," <i>IEEE Trans. on PAMI</i> , Vol. 24, pp. 844-847, 2002					
<del>/JSS/</del>	AF	M. J. Black et al., "Robust Anisotropic Diffusion," <i>IEEE Trans. on Image Proc.</i> , Vol. 7, pp. 421-432, 1998					
<del>/JSS/</del>	AG	P. J. Burt et al., "Fast Filter Transforms for Image Processing," <i>Computer Graphics and Image Processing</i> , Vol. 6, pp. 20-51, 1981					
<del>/JSS/</del>	AH	P. J. Burt et al., "The Laplacian Pyramid as a Compact Image Code," <i>IEEE Trans. on Communication</i> , Vol. 31, pp. 532-540, 1983					
<del>/JSS/</del>	AI	R. Deriche, "Using Canny's Criteria to Derive a Recursively Implemented Optimal Edge Detector," <i>Int. J. of Computer Vision</i> , Vol. 1, pp. 167-187, 1987					
<del>/JSS/</del>	AJ	J. M. DiCarlo et al., "Rendering High Dynamic Range Images," <i>Proc. SPIE</i> , Vol. 3965, pp. 392-401, 2000					
<del>/JSS/</del>	AK	L. Dorst et al., "Morphological Signal Processing and the Slope Transform," <i>Signal Processing</i> , Vol. 38, pp. 79-98, 1994					
<del>/JSS/</del>	AL	F. Durand, et al., "Fast Bilateral Filtering for the Display of High Dynamic Range Images," preprint < <a href="http://graphics.lcs.mit.edu/~fredo/DurandBilateral.pdf">http://graphics.lcs.mit.edu/~fredo/DurandBilateral.pdf</a> >					
<del>/JSS/</del>	AM	M. Elad, "On Origin of the Bilateral Filter and Ways to Improve It," <i>IEEE Trans. on Image Processing</i> , Vol. 11, pp. 1141-1151, 2002					
EXAMINER  /Jeffrey Smith/				DATE CONSIDERED  09/24/2007			
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/JSS/	BA	O. D. Faugeras, "Digital Image Color Processing Within the Framework of a Human Visual Model," <i>IEEE Trans. on ASSP</i> , Vol. 27, pp. 380-393, 1979			
/JSS/	BB	B. Funt et al., "Retinex in Matlab," <i>Proc. of IS&amp;T 8<sup>th</sup> Color Imaging Conference</i> , pp. 112-121, 2000			
/JSS/	BC	J. Gil et al., "Efficient Dilation, Erosion, Opening and Closing Algorithms," <i>Proc. 5<sup>th</sup> Int. Symp. Mathematical Morphology and its Applications to Image and Signal Processing</i> , V. Series, pp. 301-310, 2000			
/JSS/	BD	B. K. P. Horn, "Determining Lightness from an Image," <i>Computer Graphics and Image Processing</i> , Vol. 3, pp. 277-299, 1974			
/JSS/	BE	D. J. Jobson et al., "A Multiscale Retinex for Bridging the Gap Between Color Images and the Human Observation of Scenes," <i>IEEE Trans. on Image Proc.</i> , Vol. 6, pp. 965-976, 1997			
/JSS/	BF	R. Kimmel et al., "A Variational Framework for Retinex," <i>Hewlett Packard Technical Report HPL-1999-151</i> , June 1999			
/JSS/	BG	R. Kimmel et al., "Space Sensitive Color Gamut Mapping: A Variational Approach," <i>Hewlett Packard Technical Report HPL-2000-50</i> , April 2000			
/JSS/	BH	E. H. Land, "The Retinex Theory of Color Vision," <i>Scientific American</i> , Vol. 237, pp. 108-128, 1977			
/JSS/	BI	E. H. Land, "Recent Advances in the Retinex Theory and Some Implications for Cortical Computations: Color Vision and the Natural Image," <i>Proc. National Academy of Science USA</i> , Vol. 80, pp. 5163-5169, 1983			
/JSS/	BH	E. H. Land, "An Alternative Technique for the Computation of the Designator in the Retinex Theory of Color Vision," <i>Proc. National Academy of Science USA</i> , Vol. 83, pp. 3078-3080, 1986			
/JSS/	BK	E. H. Land et al., "Lightness and the Retinex Theory," <i>J. Optical Soc. of America A</i> , Vol. 61, pp. 1-11, 1971			
/JSS/	BL	J. McCann, "Lessons Learned from Mondrians Applied to Real Images and Color Gamuts," <i>Proc. IS&amp;T/SID 7<sup>th</sup> Color Imaging Conference</i> , pp. 1-8, 1999			
/JSS/	BM	A. Rosenfeld et al., "Sequential Operations in Digital Picture Processing," <i>J. of the ACM</i> , Vol. 13, pp. 471-494, 1966			
/JSS/	BN	R. Sobol, "Improving the Retinex Algorithm for Rendering Wide Dynamic Range Photographs," <i>Proc. of SPIE</i> , Vol. 4662, pp. 341-3487, 2002			
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CA	/JSS/	T. G. Stockham, Jr., "Image Processing in the Context of a Visual Model," <i>Proc. of the IEEE</i> , Vol. 60, pp. 828-842, 1972			
CB	/JSS/	C. Tomasi et al., "Bilateral Filtering for Gray and Color Images," <i>Proc. ICCV</i> , 1998			
CC	/JSS/	J. Tumblin et al., "Two Methods for Display of High Contrast Images," <i>ACM Trans. on Graphics</i> , Vol. 18, pp. 56-94, 1999			
CD	/JSS/	J. Tumblin et al., "LCIS: A Boundary Hierarchy for Detail-Preserving Contrast Reduction," <i>SIGGRAPH</i> , pp. 83-90, 1999			
CE	/JSS/	D. Terzopoulos, "Image Analysis Using Multigrid Relaxation Methods," <i>IEEE Trans. on PAMI</i> , Vol. 8, pp. 129-139, 1986			
CF					
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**Complete if Known**

Application Number	10/675943
Filing Date	October 2, 2003
First Named Inventor	Doron Shaked
Art Unit	2622
Examiner Name	n/a
Attorney Docket Number	100203850-1

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

/Jeffrey Smith/

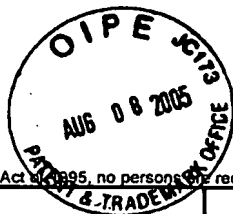
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First Named Inventor	Doron Shaked
Art Unit	2622
Examiner Name	n/a
Attorney Docket Number	100203850-1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/JSS/		Marsi S et al: "Image Contrast enhancement using a recursive rational filter" Image System and Tech. 14 May 2004, pp. 29-34 XP010773409	
/JSS/		McKenna S J et al: "Tracking Colour objects using adaptive mixture models" Image and Vision Computing Elsevier Netherlands, vol. 17 no. 3-4, March 1999 pp 225-231 XP002332756	

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